CONSTRUCTION EQUIPMENT SWA404341 VOLVO A30G 753089 - HYDRAULIC SYSTEM

 Sample No:
 VCP395903

 Oil Type:
 VOLVO SUPER HYDRAULIC OIL 46

 Job No:
 SWA404341

VCP395903

2

■<1

## SAMPLE INFORMATION

ppm

ppm

Sample Number

Sodium

Potassium

VOLVO

Sample Date		01 Nov 2023			
Machine Hours		896			
Oil Hours		896			
Oil Changed		Not Changd			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 40°C	cSt	<b>43.3</b>			
Acid Number (AN)	mg KOH/g	0.50			
CONTAMINATION					
Particles >4µm		1690			
Particles >6µm		319			
Particles >14µm		22			
ISO 4406:1999 (c)		18/15/12			
Silicon	ppm	<b>4</b>			



## JON M HALL COMPANY

1920 BOOTHE CIRCLE SUITE 110 LONGWOOD, FL US 32750 Contact: SERVICE MANAGER

T: (407)215-0410 F:

### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

#### WEAR METALS Iron ppm 1 Copper 3 ppm Lead ppm 2 Tin 0 ppm Aluminum **||** <1 ppm ■ <1 Chromium ppm Molybdenum ppm 0 Nickel ppm <1 Titanium 0 ppm Silver ppm 0 Manganese ■<1 ppm Vanadium 0 ppm

**ADDITIVES** Calcium 67 ppm Magnesium **||** <1 ppm Zinc 440 ppm Phosphorus 340 ppm Barium 0 🔲 ppm Boron 0 ppm

 Depot:
 JONLON

 Unique No:
 10728814

 Signed:
 Wes Davis

 Report Date:
 08 Nov 2023

Contact/Location: SERVICE MANAGER - JONLON

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

#### Ferrous Alloys Particle Count 491,520 10 T -26 iron 9 •• chromium 245,760 -25 nickel 8 122,880 24 61,440 -23 ß mdo E, 30,720 22 15,360 -21 2 7.680 20 3,840 -19 inner ......... 0 \*\*\*\*\* 1,920 18 🛛 (per 1 ml) Nov1/23 23 4406:1999 Cleanlines: VoV1 960 17 ber of particles Non-ferrous Metals 16 480 10 15 copper 240 q m lead 14 tin 120 8 -13 60 ß 12 30 mdo Ę 15 11 10 8 ema 2 0 Nov1/23 Nov1/23 21µ 14µ 38µ Viscosity @ 40°C Acid Number 52 0.55 Abnormal 50 0.50 0.45 48 (<sup>B</sup>/HOX 0.35 Bas 46 cSt (40°C) 44 Ē 0.30 Vin Number Vicio Acid 42 40 0.10 38-Abnormal 0.05 0.00 36 Nov1/23 -Nov1/23 Nov1/23 Nov1/23

Report Id: JONLON [WUSCAR] 06000454 (Generated: 11/08/2023 08:33:49) Rev: 1

Contact/Location: SERVICE MANAGER - JONLON